



National Weather Service

Storm Data and Unusual Weather Phenomena



May 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northeast</u>									
Mitchell County 2 N Carpenter	15	1613CST			0	0	10K		Thunderstorm Wind (G55)
Fayette County West Union	15	1730CST			0	0	16K	10K	Hail (1.75)
Winneshiek County Castalia	15	1755CST			0	0	23K		Thunderstorm Wind (G54)
Winneshiek County Frankville	15	1803CST			0	0	13K		Thunderstorm Wind (G52)
Allamakee County 3 N Waukon	15	1808CST			0	0	7K		Thunderstorm Wind (G53)
Winds of 60 to 65 mph downed trees, power lines and blew roofs off of a couple buildings									
Floyd County Rockford	28	1520CST			0	0		25K	Hail (1.00)
Floyd County Floyd	28	1542CST			0	0	22K		Hail (1.00)
Chickasaw County 5 NE New Hampton	28	1553CST			0	0		30K	Hail (1.00)
Winneshiek County Calmar	28	1626CST			0	0			Hail (0.75)
Winneshiek County Spillville	28	1630CST			0	0		18K	Hail (0.75)
Winneshiek County Decorah	28	1640CST			0	0			Funnel Cloud
Winneshiek County Decorah	28	1645CST			0	0	27K		Hail (1.75)
Winneshiek County Decorah	28	1650CST			0	0		30K	Hail (1.00)
Winneshiek County 4 NE Decorah	28	1700CST			0	0		27K	Hail (1.00)
Winneshiek County 3 E Decorah	28	1715CST			0	0	30K		Hail (1.75)
Winneshiek County 3 E Decorah	28	1715CST			0	0	25K		Thunderstorm Wind (G54)
Allamakee County 5 N Waukon	28	1730CST			0	0			Hail (0.75)
Storm spotters and law enforcement officials reported hail the size of dimes, quarters and even golf balls. A funnel cloud was also sighted near Decorah.									
Howard County Florenceville to Cresco	30	2301CST			0	0	40K	35K	Thunderstorm Wind (G56)
Floyd County Floyd	30	2332CST			0	0	2K		Thunderstorm Wind (G53)
Winneshiek County 5 NE Decorah	30	2342CST			0	0	20K		Thunderstorm Wind (G56)
Chickasaw County Alta Vista	31	0010CST			0	0	35K	50K	Thunderstorm Wind (G57)



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IOWA, Northeast

Allamakee County Waukon	31	0025CST			0	0	85K		Thunderstorm Wind (G53)
Fayette County 11 E Oelwein	31	0040CST			0	0	25K	17K	Thunderstorm Wind (G55)
Clayton County Strawberry Pt	31	0050CST			0	0	15K		Thunderstorm Wind (G57)

60 to 70 mph wind gusts associated with a fast moving line of severe thunderstorms knocked down trees and power lines. A machine shop near Waukon was heavily damaged.

MINNESOTA, Southeast

Dodge County 1 W Oslo	15	1543CST			0	0	18K		Thunderstorm Wind (G56)
Mower County Austin	15	1555CST			0	0	60K		Thunderstorm Wind (G57)
Olmsted County 2 NW Eyota to 3 N Viola	15	1600CST 1612CST	8	75	0	0	50K		Tornado (F1)
Winona County 2 S St Charles	15	1610CST			0	0	15K		Thunderstorm Wind (G54)
Winona County St Charles	15	1615CST			0	0	30K		Thunderstorm Wind (G56)
Wabasha County 3 NW Plainview	15	1617CST			0	0	12K		Thunderstorm Wind (G55)
Olmsted County Rochester Arpt	15	1625CST			0	0			Thunderstorm Wind (G56)
Wabasha County Wabasha	15	1635CST			0	0	10K		Thunderstorm Wind (G54)
Olmsted County Dover	15	1638CST			0	0	65K		Thunderstorm Wind (G56)
Fillmore County Spring Vly	15	1653CST			0	0			Thunderstorm Wind (G52)
Olmsted County 2 E Eyota	15	1708CST			0	0			Thunderstorm Wind (G52)
Winona County Altura	15	1730CST			0	0	18K		Thunderstorm Wind (G52)
Winona County Bethany	15	1733CST			0	0	12K		Thunderstorm Wind (G52)
Winona County 5 W Winona	15	1738CST			0	0	15K		Thunderstorm Wind (G58)
Winona County 2 W Winona	15	1740CST			0	0	8K		Thunderstorm Wind (G52)

60 to 70 mph wind gusts downed power lines and trees. A tornado touched down near Eyota and moved northward along Highway 42, damaging several farms, before lifting near Elgin.

Dodge County 2 S West Concord	18	2130CST 2137CST			0	0			Hail (0.75)
Wabasha County Elgin	18	2132CST			0	0	15K		Thunderstorm Wind (G50)



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					Killed	Injured	Property	Crops	
<u>MINNESOTA, Southeast</u>									
Olmsted County Oronoco	18	2150CST			0	0	10K		Hail (0.75)
Olmsted County 2 NW Rochester	18	2155CST			0	0			Hail (0.75)
Olmsted County Rochester	18	2205CST			0	0	8K		Hail (0.75)
Olmsted County Rochester	18	2206CST			0	0	20K		Hail (1.00)
Olmsted County Rochester	18	2210CST			0	0	30K		Hail (1.50)
Fillmore County Fountain	18	2302CST			0	0	18K		Hail (1.00)
Fillmore County Lanesboro	18	2313CST			0	0	28K		Hail (1.75)
Winona County Hart	18	2322CST			0	0			Hail (0.75)
Houston County Houston	18	2340CST			0	0	30K	40K	Hail (1.75)
Dodge County Dodge Center	19	0020CST			0	0			Hail (0.75)
Spotters and law enforcement officials reported hail the size of dimes, quarters and even golfballs.									
Wabasha County Elgin	28	0208CST			0	0		15K	Hail (0.75)
Wabasha County Plainview	28	0215CST			0	0	10K		Hail (0.75)
Wabasha County Plainview	28	0220CST			0	0	8.5K	12.5K	Hail (0.75)
Winona County 10 NW Winona	28	0245CST			0	0			Hail (0.75)
Dime size hail was reported by storm spotters as a small cluster of severe thunderstorms affected southeast Minnesota.									
Mower County Austin	30	2230CST			0	0	20K		Thunderstorm Wind (G61)
Olmsted County Rochester	30	2230CST			0	0	25K		Thunderstorm Wind (G60)
Olmsted County Rochester	30	2230CST			0	0	75K		Thunderstorm Wind (G65)
Olmsted County Byron	30	2235CST			0	0			Thunderstorm Wind (G50)
Olmsted County 3 S Eyota	30	2235CST			0	0	40K		Thunderstorm Wind (G56)
Olmsted County Rochester	30	2236CST			0	0	35K		Thunderstorm Wind (G53)
Dodge County Dodge Center	30	2240CST			0	0	18K		Thunderstorm Wind (G52)
Wabasha County Wabasha	30	2247CST			0	0	40K	30K	Thunderstorm Wind (G61)



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					Killed	Injured	Property	Crops	

MINNESOTA, Southeast

Wabasha County Plainview	30	2250CST			0	0	15K		Thunderstorm Wind (G56)
Fillmore County Spring Vly	30	2300CST			0	0	15K	28K	Thunderstorm Wind (G55)
Olmsted County Byron	30	2310CST			0	0		25K	Thunderstorm Wind (G53)
Winona County 5 N St Charles	30	2310CST			0	0	25K		Thunderstorm Wind (G55)
Winona County Winona	30	2312CST			0	0	50K		Thunderstorm Wind (G58)
Fillmore County Ostrander	30	2315CST			0	0	35K	30K	Thunderstorm Wind (G55)
Winona County Hart	30	2315CST			0	0	25K	15K	Lightning
Winona County Hart	30	2315CST			0	0	40K		Thunderstorm Wind (G55)
Fillmore County Canton	30	2330CST			0	0	25K	30K	Thunderstorm Wind (G54)
Wabasha County Lake City	30	2330CST			0	0	45K		Thunderstorm Wind (G60)
Houston County Caledonia	30	2335CST			0	0		20K	Thunderstorm Wind (G52)

Wind gusts as high as 75 mph caused widespread damage, blowing down numerous trees and disrupting power to thousands. In fact, a power outage on a farm near Hart caused the death of 500 hogs due to asphyxiation. Several barns were damaged, one of which collapsed, killing six cattle near Ridgeway. Another barn near Hart caught fire when it was hit by lightning, but no livestock were injured.

WISCONSIN, Southwest

Monroe County Cataract	12	1625CST			0	0			Hail (0.75)
Clark County 8 S Neillsville	12	1655CST			0	0			Hail (0.75)
Taylor County Lublin	12	1801CST 1805CST			0	0	20K		Hail (1.50)
Grant County 10 NE Fennimore	12	1833CST			0	0	15K	25K	Hail (1.75)
Taylor County Chelsea	12	1848CST			0	0			Hail (0.75)
Taylor County Rib Lake	12	1855CST			0	0	8.5K		Hail (0.75)
Richland County Gotham	12	1900CST			0	0			Hail (0.75)

Spotters and law enforcement officials reported hail, which varied in size from dimes to as large as golf balls.



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<u>WISCONSIN, Southwest</u>									
Buffalo County									
7 W Mondovi to 6 NW Mondovi	15	1650CST 1654CST	3	50	0	0	20K		Tornado (F0)
Buffalo County									
2 SE Fountain City	15	1750CST			0	0	10K		Thunderstorm Wind (G52)
La Crosse County									
3 E La Crosse	15	1833CST			0	0			Thunderstorm Wind (G59)
Grant County									
Hazel Green	15	1840CST			0	0	13K	15K	Thunderstorm Wind (G53)
La Crosse County									
3 W West Salem to 2 NW West Salem	15	1840CST 1844CST	2	50	0	1	40K		Tornado (F0)
Jackson County									
5 W City Pt	15	1845CST			0	0	8K		Thunderstorm Wind (G52)
Monroe County									
6 NW Tomah	15	1907CST			0	0	12K		Thunderstorm Wind (G54)
Jackson County									
Black River Falls	15	1910CST			0	0	10K		Thunderstorm Wind (G52)
Monroe County									
4 N Warrens	15	1915CST			0	0	5K		Thunderstorm Wind (G52)
60 to 70 mph winds downed trees and power lines. Small tornadoes touched down briefly near Mondovi and West Salem. The one near West Salem sheared off the tops of trees and destroyed a barn. A woman in the barn at the time was injured slightly.									
Jackson County									
Alma Center	18	2315CST			0	0	10K		Thunderstorm Wind (G52)
Vernon County									
Viroqua	19	0020CST			0	0	5K		Thunderstorm Wind (G52)
Grant County									
Blue River	19	1225CST			0	0		15K	Hail (0.75)
60 mph wind gusts and dime size hail was reported by law enforcement officials and spotters.									
Buffalo County									
2 SE Nelson	28	0200CST			0	0		16K	Hail (0.75)
Jackson County									
Hatfield	28	0257CST			0	0	8K		Thunderstorm Wind (G52)
A small cluster of severe thunderstorms produced dime size hail and wind gusts to 60 mph.									
Vernon County									
West Prairie	28	1801CST			0	0		18K	Hail (1.75)
Grant County									
Kieler	28	1830CST			0	0		35K	Hail (1.75)
Vernon County									
5 NE La Farge	28	1840CST			0	0	25K		Hail (1.75)
Vernon County									
Ontario	28	1845CST			0	0			Hail (0.75)
Vernon County									
2 SW Hillsboro	28	1850CST			0	0	13.5K		Hail (1.00)
Juneau County									
Lyndon Station	28	1930CST			0	0	8K		Thunderstorm Wind (G53)
Adams County									
5 N Plainville	28	1931CST			0	0			Hail (0.75)



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<u>WISCONSIN, Southwest</u>									
Monroe County 6 N Tomah	28	1939CST			0	0			Hail (0.75)
Monroe County 6 N Tomah	28	1940CST			0	0	12K		Thunderstorm Wind (G52)
Monroe County Oakdale	28	1950CST			0	0			Thunderstorm Wind (G52)
Adams County New Rome	28	2035CST			0	0			Hail (0.75)
Wind gusts between 60 and 65 mph along with hail up to the size of golf balls was reported by spotters and local law enforcement officials.									
Clark County Greenwood	30	2236CST			0	0	20K		Hail (1.75)
Clark County Greenwood	30	2245CST			0	0			Hail (0.75)
Trempealeau County Arcadia	30	2245CST			0	0			Hail (0.75)
Clark County Neillsville	30	2253CST 2255CST			0	0	18K		Hail (0.88)
Buffalo County Alma	30	2300CST			0	0	17K		Thunderstorm Wind (G52)
Trempealeau County Whitehall	30	2305CST			0	0	14K		Thunderstorm Wind (G52)
Buffalo County Cochrane	30	2310CST			0	0	40K		Thunderstorm Wind (G54)
La Crosse County La Crosse Muni Arpt	30	2334CST			0	0	20K		Thunderstorm Wind (G65)
La Crosse County Onalaska	30	2334CST			0	0	6K		Thunderstorm Wind (G52)
La Crosse County 3 E La Crosse	30	2336CST			0	0			Thunderstorm Wind (G50)
Clark County Loyal	30	2350CST			0	0			Funnel Cloud
Monroe County Sparta	30	2352CST			0	0	12K		Thunderstorm Wind (G61)
Vernon County Genoa	30	2355CST			0	0	8K		Thunderstorm Wind (G55)
Jackson County Black River Falls	31	0001CST			0	0	8K		Thunderstorm Wind (G52)
Monroe County Norwalk	31	0005CST			0	0	13K	15K	Thunderstorm Wind (G53)
Juneau County Elroy	31	0010CST			0	0	10K		Thunderstorm Wind (G56)
Crawford County Mt Sterling	31	0012CST			0	0	25K	30K	Thunderstorm Wind (G69)
Crawford County Prairie Du Chien	31	0015CST			0	1	30K		Thunderstorm Wind (G60)



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WISCONSIN, Southwest

Monroe County 3 W Sparta	31	0016CST			0	0	12K		Thunderstorm Wind (G65)
Richland County Viola	31	0016CST			0	0			Thunderstorm Wind (G52)
Monroe County Ridgeville	31	0018CST			0	0	15K		Thunderstorm Wind (G55)
Juneau County Mauston	31	0020CST			0	0	38K		Thunderstorm Wind (G57)
Adams County Friendship	31	0025CST			0	0	20K	15K	Thunderstorm Wind (G53)
Juneau County New Lisbon	31	0025CST			0	0	10K		Thunderstorm Wind (G52)
Vernon County Viroqua	31	0025CST			0	0	30K	15K	Thunderstorm Wind (G69)
Vernon County 3 N De Soto	31	0030CST			0	0	25K		Thunderstorm Wind (G57)
Juneau County Mauston	31	0035CST			0	0	12K		Thunderstorm Wind (G52)
Grant County Fennimore	31	0048CST			0	0		25K	Hail (0.88)
Grant County Fennimore	31	0048CST			0	0	25K	20K	Thunderstorm Wind (G57)
Grant County Potosi	31	0110CST			0	0	15K	15K	Thunderstorm Wind (G65)
Grant County Mt Hope	31	0112CST			0	0	40K	30K	Thunderstorm Wind (G67)

Winds gusted to nearly 80 mph, knocking down trees and power lines as well as damaging several farms.

Especially hard hit was the Mt Hope area where roofs were blown off and a tree was driven through the side of a house. On a farm near Potosi, a barn collapsed, killing a horse. Three mobile homes were destroyed and several others damaged in Prairie du Chien, but only one person was injured.